

re-run

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/029,206A

Source: IFW/6

Date Processed by STIC: 10/30/02

# ***ENTERED***



## RAW SEQUENCE LISTING

DATE: 07/27/2005

PATENT APPLICATION: US/10/029,206A

TIME: 14:17:27

Input Set : N:\Crf4\Refhold\10\_folder\J029206A.raw

Output Set: N:\CRF4\07272005\J029206A.raw

C--> 1 <110> APPLICANT: Khan, Nisar A.  
 2 Benner, Robert  
 3 <120> TITLE OF INVENTION: Oligopeptide treatment of anthrax  
 4 <130> FILE REFERENCE: 2183-5222US  
 5 <140> CURRENT APPLICATION NUMBER: US/10/029,206A  
 6 <141> CURRENT FILING DATE: 2001-12-21  
 7 <150> PRIOR APPLICATION NUMBER: 09/821,380  
 8 <151> PRIOR FILING DATE: 2001-03-29  
 9 <160> NUMBER OF SEQ ID NOS: 175  
 10 <170> SOFTWARE: PatentIn Ver. 2.1  
 12 <210> SEQ ID NO: 1  
 13 <211> LENGTH: 4  
 14 <212> TYPE: PRT  
 15 <213> ORGANISM: Artificial Sequence  
 16 <220> FEATURE:  
 17 <223> OTHER INFORMATION: Description of Artificial Sequence: oligopeptide  
 18 <400> SEQUENCE: 1  
 19 Leu Gln Gly Val  
 20 1  
 22 <210> SEQ ID NO: 2  
 23 <211> LENGTH: 4  
 24 <212> TYPE: PRT  
 25 <213> ORGANISM: Artificial Sequence  
 26 <220> FEATURE:  
 27 <223> OTHER INFORMATION: Description of Artificial Sequence: oligopeptide  
 28 <400> SEQUENCE: 2  
 29 Ala Gln Gly Val  
 30 1  
 32 <210> SEQ ID NO: 3  
 33 <211> LENGTH: 6  
 34 <212> TYPE: PRT  
 35 <213> ORGANISM: Artificial Sequence  
 36 <220> FEATURE:  
 37 <223> OTHER INFORMATION: Description of Artificial Sequence: oligopeptide  
 38 <400> SEQUENCE: 3  
 39 Val Leu Pro Ala Leu Pro  
 40 1 5  
 42 <210> SEQ ID NO: 4  
 43 <211> LENGTH: 16  
 44 <212> TYPE: PRT  
 45 <213> ORGANISM: Artificial Sequence  
 46 <220> FEATURE:  
 47 <223> OTHER INFORMATION: Description of Artificial Sequence: peptide

P. 6

## RAW SEQUENCE LISTING

DATE: 07/27/2005

PATENT APPLICATION: US/10/029,206A

TIME: 14:17:27

Input Set : N:\Crf4\Refhold\10\_folder\J029206A.raw

Output Set: N:\CRF4\07272005\J029206A.raw

```

48 <400> SEQUENCE: 4
49      Met Leu Ala Arg Arg Lys Pro Val Leu Pro Ala Leu Thr Ile Asn Pro
50      1              5              10              15
52 <210> SEQ ID NO: 5
53 <211> LENGTH: 7
54 <212> TYPE: PRT
55 <213> ORGANISM: Artificial Sequence
56 <220> FEATURE:
57 <223> OTHER INFORMATION: Description of Artificial Sequence: peptide
58 <400> SEQUENCE: 5
59      Met Leu Ala Arg Arg Lys Pro
60      1              5
62 <210> SEQ ID NO: 6
63 <211> LENGTH: 4
64 <212> TYPE: PRT
65 <213> ORGANISM: Artificial Sequence
66 <220> FEATURE:
67 <223> OTHER INFORMATION: Description of Artificial Sequence: peptide
68 <400> SEQUENCE: 6
69      Met Leu Ala Arg
70      1
72 <210> SEQ ID NO: 7
73 <211> LENGTH: 6
74 <212> TYPE: PRT
75 <213> ORGANISM: Artificial Sequence
76 <220> FEATURE:
77 <223> OTHER INFORMATION: Description of Artificial Sequence: peptide
78 <400> SEQUENCE: 7
79      Val Leu Pro Ala Leu Thr
80      1              5
82 <210> SEQ ID NO: 8
83 <211> LENGTH: 5
84 <212> TYPE: PRT
85 <213> ORGANISM: Artificial Sequence
86 <220> FEATURE:
87 <223> OTHER INFORMATION: Description of Artificial Sequence:
88      pdb/1QMH/1QMH-A
89 <400> SEQUENCE: 8
90      Val Leu Pro Ala Leu
91      1              5
93 <210> SEQ ID NO: 9
94 <211> LENGTH: 4
95 <212> TYPE: PRT
96 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
98 <223> OTHER INFORMATION: Description of Artificial Sequence:
99      pdb/4NOS/4NOS-A
100 <400> SEQUENCE: 9
101      Phe Pro Gly Cys

```

## RAW SEQUENCE LISTING

DATE: 07/27/2005

PATENT APPLICATION: US/10/029,206A

TIME: 14:17:27

Input Set : N:\Crf4\Refhold\10\_folder\J029206A.raw

Output Set: N:\CRF4\07272005\J029206A.raw

```

102      1
104 <210> SEQ ID NO: 10
105 <211> LENGTH: 4
106 <212> TYPE: PRT
107 <213> ORGANISM: Artificial Sequence
108 <220> FEATURE:
109 <223> OTHER INFORMATION: Description of Artificial Sequence: Hs.297775.1
110 <400> SEQUENCE: 10
111      Pro Gly Cys Pro
112      1
114 <210> SEQ ID NO: 11
115 <211> LENGTH: 7
116 <212> TYPE: PRT
117 <213> ORGANISM: Artificial Sequence
118 <220> FEATURE:
119 <223> OTHER INFORMATION: Description of Artificial Sequence:
120      swiss/P81272/NS2B HUMAN
121 <400> SEQUENCE: 11
122      Gly Val Leu Pro Ala Val Pro
123      1          5
125 <210> SEQ ID NO: 12
126 <211> LENGTH: 6
127 <212> TYPE: PRT
128 <213> ORGANISM: Artificial Sequence
129 <220> FEATURE:
130 <223> OTHER INFORMATION: Description of Artificial Sequence:
131      swiss/P81272/NS2B HUMAN
132 <400> SEQUENCE: 12
133      Val Leu Pro Ala Val Pro
134      1          5
136 <210> SEQ ID NO: 13
137 <211> LENGTH: 4
138 <212> TYPE: PRT
139 <213> ORGANISM: Artificial Sequence
140 <220> FEATURE:
141 <223> OTHER INFORMATION: Description of Artificial Sequence:
142      pdb/1FZV/1FZV-A
143 <400> SEQUENCE: 13
144      Pro Ala Val Pro
145      1
147 <210> SEQ ID NO: 14
148 <211> LENGTH: 9
149 <212> TYPE: PRT
150 <213> ORGANISM: Artificial Sequence
151 <220> FEATURE:
152 <223> OTHER INFORMATION: Description of Artificial Sequence: oligopeptide
153 <400> SEQUENCE: 14
154      Leu Gln Gly Val Val Pro Arg Gly Val
155      1          5

```

## RAW SEQUENCE LISTING

DATE: 07/27/2005

PATENT APPLICATION: US/10/029,206A

TIME: 14:17:27

Input Set : N:\Crf4\Refhold\10\_folder\J029206A.raw

Output Set: N:\CRF4\07272005\J029206A.raw

```

157 <210> SEQ ID NO: 15
158 <211> LENGTH: 4
159 <212> TYPE: PRT
160 <213> ORGANISM: Artificial Sequence
161 <220> FEATURE:
162 <223> OTHER INFORMATION: Description of Artificial Sequence: oligopeptide
163 <400> SEQUENCE: 15
164     Gly Val Val Pro
165         1
167 <210> SEQ ID NO: 16
168 <211> LENGTH: 5
169 <212> TYPE: PRT
170 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
172 <223> OTHER INFORMATION: Description of Artificial Sequence: oligopeptide
173 <400> SEQUENCE: 16
174     Val Pro Arg Gly Val
175         1           5
177 <210> SEQ ID NO: 17
178 <211> LENGTH: 4
179 <212> TYPE: PRT
180 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Description of Artificial Sequence: oligopeptide
183 <400> SEQUENCE: 17
184     Pro Arg Gly Val
185         1
187 <210> SEQ ID NO: 18
188 <211> LENGTH: 5
189 <212> TYPE: PRT
190 <213> ORGANISM: Artificial Sequence
191 <220> FEATURE:
192 <223> OTHER INFORMATION: Description of Artificial Sequence: polypeptide
193 <400> SEQUENCE: 18
194     Met Ala Pro Lys Lys
195         1
197 <210> SEQ ID NO: 19
198 <211> LENGTH: 4
199 <212> TYPE: PRT
200 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: Description of Artificial Sequence: oligopeptide
203 <400> SEQUENCE: 19
204     Leu Gln Gly Ala
205         1
207 <210> SEQ ID NO: 20
208 <211> LENGTH: 10
209 <212> TYPE: PRT
210 <213> ORGANISM: Artificial Sequence

```

## RAW SEQUENCE LISTING

DATE: 07/27/2005

PATENT APPLICATION: US/10/029,206A

TIME: 14:17:27

Input Set : N:\Crf4\Refhold\10\_folder\J029206A.raw

Output Set: N:\CRF4\07272005\J029206A.raw

```

211 <220> FEATURE:
212 <223> OTHER INFORMATION: Description of Artificial Sequence: oligopeptide
213 <400> SEQUENCE: 20
214     Val Leu Pro Ala Leu Pro Gln Val Val Cys
215         1             5             10
217 <210> SEQ ID NO: 21
218 <211> LENGTH: 6
219 <212> TYPE: PRT
220 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: Description of Artificial Sequence: oligopeptide
223 <400> SEQUENCE: 21
224     Ala Leu Pro Ala Leu Pro
225         1             5
227 <210> SEQ ID NO: 22
228 <211> LENGTH: 6
229 <212> TYPE: PRT
230 <213> ORGANISM: Artificial Sequence
231 <220> FEATURE:
232 <223> OTHER INFORMATION: Description of Artificial Sequence: oligopeptide
233 <400> SEQUENCE: 22
234     Val Ala Pro Ala Leu Pro
235         1             5
237 <210> SEQ ID NO: 23
238 <211> LENGTH: 7
239 <212> TYPE: PRT
240 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
242 <223> OTHER INFORMATION: Description of Artificial Sequence: oligopeptide
243 <400> SEQUENCE: 23
244     Ala Leu Pro Ala Leu Pro Gln
245         1             5
247 <210> SEQ ID NO: 24
248 <211> LENGTH: 7
249 <212> TYPE: PRT
250 <213> ORGANISM: Artificial Sequence
251 <220> FEATURE:
252 <223> OTHER INFORMATION: Description of Artificial Sequence: oligopeptide
253 <400> SEQUENCE: 24
254     Val Leu Pro Ala Ala Pro Gln
255         1             5
257 <210> SEQ ID NO: 25
258 <211> LENGTH: 7
259 <212> TYPE: PRT
260 <213> ORGANISM: Artificial Sequence
261 <220> FEATURE:
262 <223> OTHER INFORMATION: Description of Artificial Sequence: oligopeptide
263 <400> SEQUENCE: 25
264     Val Leu Pro Ala Leu Ala Gln

```

RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 07/27/2005  
PATENT APPLICATION: US/10/029,206A      TIME: 14:17:28

Input Set : N:\Crf4\Refhold\10\_folder\J029206A.raw  
Output Set: N:\CRF4\07272005\J029206A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:97; Xaa Pos. 2

Seq#:98; Xaa Pos. 2

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:97; Line(s) 1041

Seq#:98; Line(s) 1056

VERIFICATION SUMMARY

DATE: 07/27/2005

PATENT APPLICATION: US/10/029,206A

TIME: 14:17:28

Input Set : N:\Crf4\Refhold\10\_folder\J029206A.raw

Output Set: N:\CRF4\07272005\J029206A.raw

L:5 M:270 C: Current Application Number differs, Wrong Format

L:1043 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:97 after pos.:0

L:1058 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:98 after pos.:0